

A' *can*
aggregation. The protein aggregation is believed to contribute to cellular toxicity including cell death or apoptosis (Trottier *et al.*, *Nature*, **378**:403-406 (1995); Davies *et al.*, *Cell*, **90**:537-548 (1997); and DiFiglia *et al.*, *Science*, **277**:1990-1993 (1997)).

Please amend the paragraph at page 6, lines 21-30, as follows:

CA
Thus, a transgenic animal of the invention including a transgene containing a plurality of CAGs and at least one CAA sequence encoding a polyglutamine repeat sequence can express a polyglutamine repeat sequence of any length. In one embodiment, the polyglutamine sequence is between about 5 and 20 amino acids in length. In another embodiment, the polyglutamine sequence is between about 20 and 50 amino acids in length. In yet another embodiment, the polyglutamine sequence is between about 50 and 100 amino acids in length. In additional embodiments, the polyglutamine sequence is between about 100 and 200 amino acids in length, between about 100 and 500 amino acids in length and between about 50 and 200 amino acids in length. In various aspects, a polyglutamine sequence further includes a tag (e.g., epitope, hemagglutinin, etc.).

Please amend the paragraph at page 35, line 30, and bridging to page 36, line 2, as follows:

OB
The TPR2 gene corresponds to a cDNA of 2239 nucleotides. The MLF gene corresponds to a cDNA of 1753 nucleotides. Specifically disclosed herein are nucleic acid sequences for *Drosophila* TPR2 and MLF (SEQ ID NO:2 and SEQ ID NO:4, respectively; Figures 9 and 10).

Please amend the paragraph at page 73, lines 1-20, as follows:

Q4
Plasmid rescue (Pirrotta (1986); Pirrotta, Cloning Drosophila Genes: A Practical Approach, pp 83-110, IRL Press, Oxford, Washington, D.C., ed. D.B. Roberts (1986)) was done with the following modification: from an established line, genomic DNA was isolated by QIAamp Tissue kit (Qiagen) and digested with 6 restriction enzymes: BfrI, BglI, EcoRI, HincII, SacI, and SacII in 100µl reaction volume overnight. Digested fragments were purified by